



Request for City Council Committee Action from the Information Technology Department

Date May 7, 2012

To: The Honorable Betsy Hodges, Chair, Ways and Means Committee

Subject: Execute contract with Cartegraph Systems Inc. for Software, Professional Services, and Maintenance

Recommendation Authorize proper City officials to execute a three-year contract with Cartegraph Systems Inc., not to exceed \$85,000 for software, professional services, and maintenance for the traffic sign management system.

Prepared by Elise Ebhardt, Interagency Coordinator, 673-2026

Submitted by Otto Doll _____, 673-3633
Chief Information Officer

Approved by Jayne Baccus Khalifa _____
City Coordinator (Interim)

Presenter in Committee Otto Doll

Policy Review Group X Not Applicable

Permanent Review Committee (PRC) X Approved 4/19/12

Financial Impact: None. No additional appropriation is requested.

Financial Impact (Check those that apply)

- X No financial impact (If checked, go directly to Background/Supporting Information)
- Action requires an appropriation increase to the Capital Budget
- Action requires an appropriation increase to the Operating Budget
- Action provides increased revenue for appropriation increase
- Action requires use of contingency or reserves
- Other financial impact (Explain):
- X Request provided to department's finance contact prior to the Committee Coordinator

Background/Supporting Information

The Public Works Department has been using the Cartegraph application since 1997 for its traffic sign management system. The initial purchase of Cartegraph was the result of an RFP process. In 2010 the City upgraded the Cartegraph application to version 8.1. This system is also referred to as the Signview system.

The IT Department and Public Works Traffic & Parking Services staff have explored the mobile capabilities of the Cartegraph system and would like to implement the mobile features to increase efficiency in managing traffic sign records and to address upcoming new requirements for sign retro-reflectivity established by the Federal Highway Administration. The mobile solution allows field crews to use GPS-enabled handheld devices to access sign data from the Cartegraph system and update it automatically when they connect the devices to their computers. The mobile solution will make recording of work order data paperless and eliminate the need for office staff to perform this task. The traffic system currently includes approximately 80,000 signs throughout the City.

The cost to purchase and implement the mobile solution, along with the overall system maintenance and support services for three years is estimated at \$80,069.

Action Requested

Authorize proper City officials to execute a three-year contract with Cartegraph Systems Inc. The requested contract will provide for software and professional services, and maintenance and support services for three years for a total not to exceed \$85,000.

The Permanent Review Committee provided approval to IT and Public Works to proceed with this request on 4/19/12. Public Works is providing the funding for the contract expenses; there is no financial impact to the IT Department.